

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,949,340 B2  
APPLICATION NO. : 09/821694  
DATED : September 27, 2005  
INVENTOR(S) : William Daniel Hillis

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Item (54) On the Title page: Delete "OPTICAL PHASE MODULATOR" and replace with --METHOD AND SEQUENCES FOR DETERMINATE NUCLEIC ACID HYBRIDIZATION--

Column 1, line 1: Delete "OPTICAL PHASE MODULATOR" and replace with --METHOD AND SEQUENCES FOR DETERMINATE NUCLEIC ACID HYBRIDIZATION--

Column 14, line 58: Change "5'-AAAAAAAAAACCCCTTTTCTTTT (SEQ ID NO: 11)" to --5'-AAAAAAAAAACCCCTTTTCTTTT (SEQ ID NO: 2)--

Column 14, line 62: Change "12" to --3--

Column 14, line 63: Change "13" to --4--

Column 17, line 32: Delete "(SEQ ID NO: 15)"

Column 27, line 14: Change "9" to --11--

Column 27, line 16: Change "10" to --12--

Column 27, line 32: Change "15" to --7--

Column 27, line 34: Change "16" to --8--

Column 27, line 37: Change "17" to --9--

Column 27, line 39: Change "18" to --10--

Column 27, line 42: Change "19" to --11--

Column 27, line 44: Change "20" to --12--

Column 27, line 47: Change "21" to --13--

Column 27, line 49: Change "22" to --14--

Claim 3, column 59, line 63: Insert the word, --of-- immediately before "oligonucleotide probes"

Claim 12, column 60, line 52: Change "hybridizing" to --hybridized--

Claim 13, column 60, line 55: Delete "to"

Claim 14, column 60, line 58: Insert the word --Claim-- following "The method of" and change "acid" to --acids--

Claim 15, column 60, line 62: Insert the word --Claim-- following "The method of"

Column 60, line 66: Insert the word --Claim-- following "The method of" and in column 61, line 1 change the second occurrence of the word "sites" to --site--

Column 61, line 5: Change "probe" to --probes-- and change "comprises" to --comprised--

Column 61, line 24: Delete the word "the" following "wherein"

Column 62, line 5: Delete "of"

Column 62, line 6: Change "acids" to --acid--

Column 62, line 9: Change "acids" to --acid--

Column 62, line 11: Change "acids" to --acid--

Column 62, line 14: Change "acids" to --acid--

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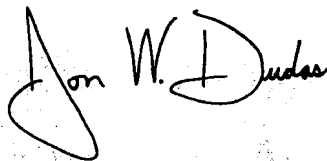
Page 2 of 2

It is certified that error appears in the above--identified patent and that said Letters Patent is hereby corrected as shown below:

Column 62, line 16: Change "acids" to --acid--

Signed and Sealed this

Eighth Day of May, 2007

A handwritten signature in black ink, reading "Jon W. Dudas". The signature is stylized, with a large, looped initial "J" and a cursive "Dudas".

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*